

Board Meeting
May 14-15, 2002Agenda Item
Attachment 1

To request a Time Extension (TE) or Alternative Diversion Requirement (ADR), please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to: -

California Integrated Waste Management Board
Office of Local Assistance, (MS 25)
1001 I Street
PO Box 4025
Sacramento CA 95812-4025


General Instructions:

For a Time Extension complete Sections I, II, III-A, IV-A, and V.

For an Alternative Diversion Requirement complete Sections I, II, III-B, IV-B and V.

Section I: Jurisdiction Information and Certification*All respondents must complete this section.*

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Antioch		Contra Costa	
Authorized Signature 		Title COM. DES/ Director of Public Works/City Engineer	
Type/Print Name of Person Signing	Date	Phone	
Joseph G. Brandt, P.E.	4/15/02	(925) 779-7050	
Person Completing This Form (please print or type)		Title	
Julie Haas-Wajdowicz		Administrative Analyst	
Phone	E-mail Address		Fax
(925) 779-7097	jhaaswajdowicz@ci.antioch.ca.us		(925) 779-7034
Mailing Address	City	State	ZIP Code
P.O. Box 5007	Antioch	CA	94531-5007

Section IIIA—TIME EXTENSION

Within this section, discuss your jurisdiction's progress in implementing diversion programs that were planned to achieve 50%. Provide any additional information that demonstrates "good faith effort." The CIWMB shall determine your jurisdiction's progress in demonstrating "good faith effort" towards complying with AB 939. Note: The answers to each question should be comprehensive and provide specific details regarding the jurisdiction's situation.

Attach additional sheets if necessary—please reference each response to the appropriate cell number (e.g., IIIA-1).

1. **Why does your jurisdiction need more time to meet the 50% goal? Describe why SRRE selected programs did not achieve 50% diversion. Identify barriers to meeting the 50% goal and briefly indicate how they will be overcome.**

See attached sheet.

2. **Why does your jurisdiction need the amount of time requested? Describe any relevant circumstances in the jurisdiction that contribute to the need for a Time Extension.**

As mention in the response to question #1 above, the City experienced delays in bringing some programs on line. If these programs had been implemented on the original timeline and the City's base year had been accurate, staff believes that the anticipated diversion rates would have been achieved in time to reach the original 50% at 2000 timeline. It will take the three years that the City has asked for to bring participation in these programs up to anticipated levels. The City will be focusing on public education and outreach as well as business assistance to increase participation in the established programs.

3. **Describe your jurisdiction's Good Faith Efforts to implement the programs in its SRRE.**

The City's current diversion rate is 45% for 2000. The following actions were taken to raise the diversion rate 7% from 37 % in 1999.

- Hired Environmental Resource Coordinator with a Solid Waste background.
- Implemented residential yard waste collection program with economic incentive to compost or hardscape.
- Implemented a volume based variable can rate for residential garbage service.
- Implemented voluntary commercial yard waste collection program.
- Expanded HHW drop-off to weekly from quarterly.
- Expanded outreach information printed on commercial and residential solid waste bills.
- Used CIWMB and Department of Conservation grant funds to improve and promote recycling programs.

The City has implemented all of its SRRE selected programs. These programs are now being evaluated and expanded to increase diversion.

4. **Provide any additional relevant information that supports the request.**

Section IIIB—ALTERNATIVE DIVERSION REQUIREMENT

Within this section, discuss your jurisdiction's progress in implementing diversion programs that were planned to achieve 50%. Provide any additional information that demonstrates "good faith effort." The CIWMB shall determine your jurisdiction's efforts in demonstrating "good faith effort" towards complying with AB 939. Note: The answers to each question should be comprehensive and provide specific details regarding the jurisdiction's situation.

Attach additional sheets if necessary—please reference each response to the appropriate cell number (e.g., IIIB-1.).

1. Why does your jurisdiction need and Alternative Diversion Requirement? Describe why SRRE selected programs did not achieve 50% diversion. Identify barriers to meeting the 50% goal and briefly indicate how they will be overcome.

2. Why is your jurisdiction requesting an Alternative Diversion Requirement in lieu of a Time Extension?

3. Describe your jurisdiction's Good Faith Efforts to implement the programs in its SRRE.

4. Describe any relevant circumstances in the jurisdiction that contribute to the need for an ADR. Provide any relevant information that supports the request.

Section IV A—PLAN OF CORRECTION

A Plan of Correction is required by PRC Section 41820(a)(6)(B). The plan is fundamentally a description of the actions the jurisdiction will take to meet the 50% goal by the expiration of the Time Extension.

Attach additional sheets if necessary.

Residential %		40	Non-residential %		60
PROGRAM TYPE Please use the Board's Program Types. The Program Glossary is online at: www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm	NEW or EXPAND	DESCRIPTION OF PROGRAM	FUNDING SOURCE	DATE FULLY COMPLETED	ESTIMATED PERCENT DIVERSION
Transfer Station	Expand	Hauler will begin to sort mixed loads of C&D at Martinez Transfer Station	Franchise Hauler Fees	12/01	1.7
Residential Curbside	Expand	Expand program to include mixed paper (7/01), oil filters (2/01) and plastics #1-7 and small scrap metals (7/03). Use outreach and education to increase participation in the program.	Franchise Hauler Fees/Used Oil Block Grant	07/03	.8
Government Recycling Programs	Expand	Expand beverage container recycling programs to city owned public facilities such as Marina, Water Park, Sports Complexes and neighborhood parks.	DOC City/County Payment	12/03	.01
Commercial On-Site Pick-up	Expand	Hauler will restructure recycling rates to encourage recycling.	Franchise Hauler Fees	12/01	2.0
Economic Incentives	Expand	Variable can rate analyzed and adjusted making the differences between cart sized greater to further increase incentive to reduce and recycle household waste. *Majority of diversion will be realized in Residential Curbside Recycling Program	Franchise Hauler Fees	01/03	.5*
Special Collection Events	Expand	City requires event recycling of beverage containers and OCC at all special events with donated garbage collection. ** Estimated amount is less than .005%	Franchise Hauler & DOC City /County Payment	10/03	**
Total Estimated Diversion Percent From New and/or Expanded Programs					5.01
Current Diversion Rate Percent From Latest Annual Report					45
Total Planned Diversion Percent Estimated					50

PROGRAMS SUPPORTING DIVERSION ACTIVITIES			
PROGRAM TYPE	NEW or EXPANDED	DESCRIPTION OF PROGRAM	DATE FULLY COMPLETED
Backyard and On-Site Composting/Mulching	Expand	Offer worm composting workshop in addition to basic composting workshops currently offered. Increase promotion and attendance in all workshops. Subsidized compost bins are available for purchase by residents.	Ongoing
Electronic	Expand	The City will be redesigning its entire website. Part of the redesign will involve an expanded environmental section. This section will include solid waste programs such as an expanded composting section, HHW information and IPM, curbside recycling information including a link to the Franchised Hauler's website, waste reduction opportunities and links to regional reuse and recycling programs.	12/02

Section IV B—GOAL ACHIEVEMENT

Goal Achievement describes the activities the jurisdiction will use to achieve the ADR.
Attach additional sheets if necessary..

Residential %		Non-residential %			
PROGRAM TYPE Please use the Board's Program Types. The Program Glossary is online at: www.ciwmb.ca.gov/LG/Central/PARIS/Codes/Reduce.htm	NEW or EXPAND	DESCRIPTION OF PROGRAM	FUNDING SOURCE	DATE FULLY COMPLETED	ESTIMATED PERCENT DIVERSION
		Total Estimated Diversion Percent From New and/or Expanded Programs			
		Current Diversion Rate Percent From Latest Annual Report			
		Total Planned Diversion Percent Estimated			

PROGRAMS SUPPORTING DIVERSION ACTIVITIES

PROGRAM TYPE	NEW or EXPAND	DESCRIPTION OF PROGRAM	DATE FULLY COMPLETED

City of Antioch
Attachment to Application For Time Extension
Section IIIA
Question #1

The City planned to met the 50% goal by the year 2000, as was required. However, there were problems with the original plan to develop a regional facility and the City's original base year. Diversion from the SRRE selected programs has also not been as high as anticipated or have all programs been expanded as quickly as planned.

The City's SRRE included plans for a regional solid waste and composting facility, East County Community Collection Center (ECCCC). Due to problems in the planning and permitting process, those plans had to be dropped. The City of Pittsburg developed its own facility, which Antioch residents and businesses can use. The Pittsburg Transfer Station has a drop off recycling center and floor picking is occurring. The Pittsburg Facility covers most materials that the ECCCC would have, with the exception of food waste. It was estimated in the City's SRRE that 1777 tons of food waste would be composted at the ECCCC in 2000 (1.3 % of total waste stream). The City's 1999 Solid Waste Generation Study (SWGS) indicated that many of the large food waste generators have reuse programs or backhaul food waste for composting. This activity will continue to be supported. Residential composting of food waste is also supported through compost workshops.

Despite implementing SRRE selected or alternate programs, the City was still not reaching mandated goals. The City had implemented programs since the 1990 base year was completed, however the City's diversion rate was annually lower than the base year or even negative. Based on this it was determined that there were problems with the original base year and a new one was needed. In 2000, the City filed a Request for Base-Year Change based on the SWGS. In May 2001, CIWMB approved the City's request, setting 1999 as Antioch's new base year. This action resulted in a 37% diversion rate for the City, which is more realistic based on the City's programs. Given that the City now has a more accurate idea of waste generation, planning and implementing program will be done with greater accuracy.

Some of the SRRE selected programs were not implemented or expanded as quickly as planned. Residential Yard Waste Collection was to be implemented in 1994 (SRRE 5-27), however due to issues with the planned ECCCC and hauler negotiation, the program was not implemented until February 2000. The program has been very successful in it's first year, diverting 8466 tons. Yard Waste Service is mandatory for single-family residents, with an exemption if the resident recycles yard clippings on their own. The exemption helps to promote residential composting and hardscaping by providing the economic incentive of a lower bill by eliminating the yard waste fee. The exemption program has been carefully monitored to ensure that yard trimmings are being composted or recycled from exempted properties. Mixed paper was selected to be added to the residential recycling collection program in 1996 (SRRE 4-6) and is now planned for July 2001. Adding mixed paper to the residential curbside program is anticipated to divert 1,500 tons of material per year (1.1% of total generation for 2000). A volume or weight-based residential garbage fee was planned for 1993 (SRRE 4-2) but was not implemented until 2000. This has resulted in a delay in the citywide downsizing of garbage carts. Prior to the variable can rates being set, 95% of the household served had a 95-gallon garbage cart (July 1999, Hauler

Data). By the end of the first year of the new rate structure, the percentage of households served that had a 95 gallons cart or greater level had decreased to 87% (December 2000, Hauler Data). In 2000, the City experienced the first decrease in residential waste collected by the franchised hauler compared to the prior year since tracking began in 1992. The City is working to insure that this trend continues through public education and reminders of service level options. Staff is also looking into making the rate variations steeper in order to provide further economic incentives to reduce residential garbage volumes.

Some of the SRRE selected programs that were implemented have not produced the desired level of diversion. The Residential Curbside Program (SRRE 4-16) had a diversion potential of 5-30%. For 2000, the program diverted 3% of the total estimated waste stream, considerably lower than was expected. City staff in cooperation with the franchised hauler is working to increase the material diverted in this program. Efforts in 2000 included regular billing messages, outreach at community events, schools outreach and the development and distribution of a new recycling calendar, which included a description of the program. These programs and the new variable can rate structure have helped to increase diversion rate of the curbside program from 2.5% in 1999 to 3% in 2000. The addition of mixed paper to curbside program in 2001 and additional outreach and education will help to increase the diversion rate of this program. Staff is also looking at ways to improve the program to increase participation, such as single stream, automated collection of recyclables. Commercial recycling collection and self-haul has also not realized the diversion potential anticipated in the City's SRRE. The City's SRRE estimated a combined diversion potential of these two programs to be 3-40% however, the 1999 SWGS indicated only a 6.9% diversion rate. The lack of economic incentive to set up service and perceived labor and space requirements has been obstacles that the City needs to overcome. The City's franchised hauler is working to improve rates structures and provide waste assessments and recycling assistance to commercial and industrial customers.